
Measure impulse noise

Use **Procedure 4** to measure impulse noise.

Procedure 4

- 1 Measure impulse noise on selected lines during busy hours. Use an NE-58B noise measurement set or the equivalent.
Note: The termination and weighting filter required are 135 ohm and 100 kHz, respectively, and the blanking interval is 25 μ s.

- 2 Using **Figure 2**, determine that for a given loop loss and noise threshold the impulse noise counts for each 15-minute interval are below the corresponding curve.

Note 1: The values in **Figure 2** were derived by assuming that the counter has a count rate or 512 pulses per second.

Note 2: Due to the inaccuracy of the noise-measuring set, additional errors may occur during the blanking interval, and the reading consequently will be lower than the actual measurement.

Figure 2
Maximum allowable impulse noise counts versus loop loss

